

Generate an One Time Password :

PROGRAM :

```
package com.company;
import java.util.*;
public class Main {
    public static void main(String[] args) {
        long j=0,rem=0;
        Scanner sc=new Scanner(System.in);
        System.out.println("Enter the name of the Account holder :");
        String name=sc.nextLine();
        System.out.println("Enter the 11 digit Account number:");
        long number=sc.nextLong();
        int length=String.valueOf(number).length();
        if(length==11) {
            System.out.println("Enter the type of Account you have :");
            System.out.println("1.Savings Account.");
            System.out.println("2.Current Account.");
            System.out.println("3.Loan Account.");
        }
        else
        {
            System.out.println("Check your Account number.");
        }
        String type=sc.next();
        System.out.println("Your One Time Password is (OTP):");
        System.out.print(type.substring(0,2));
        String number1=Long.toString(number);
        System.out.print(number1.charAt(0));
        long q=0,b=0;
        q=number/1000000;
        long x,sum=0;
        while(q!=0) {
            x=q%10;
            sum=sum+x;
            q=q/10;
        }
        long sum2=0;
        while(sum!=0) {
            b=sum%10;
            sum2=sum2+b;
            sum=sum/10;
        }
        System.out.print(sum2);
        System.out.print(name.substring(0,1));
        long c=0,d=0;
        c=number%1000000;
        d=c/10;
        long sum3=0,e;
        while(d!=0) {
            e=d%10;
            sum3 =sum3+e;
            d=d/10;
        }
        long sum4=0,f;
        while(sum3!=0) {
            f=sum3%10;
            sum4 =sum4+f;
            sum3=sum3/10;
        }
    }
}
```

```

    }
    System.out.print(sum4);
    char a=name.charAt(name.length()-1);
    System.out.print(a);
    long g=0;
    g=number%10;
    System.out.print(g);
}
}

```

OUTPUT :

```

Run: Main
"C:\Program Files\Java\jdk1.8.0_131\bin\java.exe" ...
Enter the name of the Account holder :
Enter the 11 digit Account number:
Enter the type of Account you have :
1.Savings Account.
2.Current Account.
3.Loan Account.
Your One Time Password is (OTP):
Cu98S3a3
Process finished with exit code 0

```

Build completed successfully in 4 sec, 24 ms (a minute ago)

14:1 CRLF UTF-8 4 spaces